

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((("5677955") or ("4747050") or ("6209095") or ("6149055") or ("5677955")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/07/20 12:58
S2	0	("l1anddigest").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/07/20 12:58
S3	2	S1 and digest	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 13:40
S4	2	S1 and digest\$1 and signature\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 13:41
S5	2	S1 and digest\$1 and signature\$1 and hash\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 13:45
S6	0	((electronic near funds) near tranfer) and digest\$1 and signature\$1 and hash\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 13:46
S7	124	((electronic near funds) near transfer) and digest\$1 and signature\$1 and hash\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/21 15:20
S8	47	((electronic near funds) near transfer) and digest\$1 and (signature\$1 with hash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 14:42
S9	8	((electronic near funds) near transfer) and digest\$1 and signature\$1 and hash\$3 and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:23

## EAST Search History

S10	8	((electronic near funds) near transfer) and digest\$1 and signature\$1 and hash\$3 and dummy and challeng\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:44
S11	8	((electronic near funds) near transfer) and digest\$1 and (signature\$1 or certificate\$1) and hash\$3 and dummy and challeng\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:33
S12	8	((electronic near funds) near transfer) and digest\$1 and (signature\$1 or certificate\$1) and dummy and challeng\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:34
S13	97	((electronic near funds) near transfer) and hash\$1 and (signature\$1 or certificate\$1) and dummy and challeng\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:52
S14	97	((electronic near funds) near transfer\$3) and hash\$1 and (signature\$1 or certificate\$1) and dummy and challeng\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:35
S15	12	((data) near transfer) and hash\$1 and (signature\$1 or certificate\$1) and dummy and (challeng\$ near response)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:44
S16	22	(transaction\$1) and hash\$1 and (signature\$1 or certificate\$1) and dummy and (challeng\$ near response)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 13:23
S17	17	(transaction\$1) and hash\$1 and (signature\$1 or certificate\$1) and dummy and (challeng\$ near response) and pay\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:46
S18	9	(transaction\$1) and hash\$1 and (signature\$1 or certificate\$1) and dummy and (challeng\$ near response) and pay\$5 and fund\$3 and electronic	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 17:33
S19	97	((electronic near funds) near transfer) and hash\$1 and (signature\$1 or certificate\$1) and dummy and challeng\$ and message\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:27

## EAST Search History

S20	270	(transaction\$1) and hash\$1 and (signature\$1 or certificate\$1) and dummy and challeng\$ and message\$	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:55
S21	0	(transaction\$1) and hash\$1 and (signature\$1) and dummy and challeng\$ and (message\$ near response\$1) and (transfer with fund\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 16:56
S22	7	(transaction\$1) and hash\$1 and (signature\$1) and dummy and (challeng\$ near response\$1) and (message\$ or digest\$1) and (transfer with fund\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 17:31
S23	8	(transaction\$1) and hash\$1 and (signature\$1) and dummy and (challeng\$ near response\$1) and (message\$ or digest\$1) and (transfer\$5 with fund\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 17:31
S24	4	(transaction\$1) and hash\$1 and (signature\$1 or certificate\$1) and dummy and (challeng\$ near response) and pay\$5 and fund\$3 and eft	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 17:33
S25	993	((Secure near Hash) near algorithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:03
S26	456	((Secure near Hash) near algorithm) and transaction\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:04
S27	73	((Secure near Hash) near algorithm) and transaction\$1 and (Funds with transfer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:05
S28	44	((Secure near Hash) near algorithm) and transaction\$1 and ((electronic with Funds )with transfer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:05
S29	44	((Secure near Hash) near algorithm) and transaction\$1 and ((electronic with Funds )with transfer\$4) and (message\$1 or digest)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:06

## EAST Search History

S30	0	((Secure near Hash) near algorithm) and transaction\$1 and ((electronic with Funds )with transfer\$4) and (message\$1 or digest) and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:06
S31	2	((Secure near Hash) near algorithm) and transaction\$1 and ((electronic with Funds )with transfer\$4) and (message\$1 or digest) and (challenge with response)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:09
S32	44	((Secure near Hash) near algorithm) and transaction\$1 and ((electronic with Funds )with transfer\$4) and (message\$1 or digest)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:48
S33	0	((Secure near Hash) near algorithm) and transaction\$1 and ((electronic with Funds )with transfer\$4) and (message\$1 or digest) and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/20 18:48
S34	158	("5677955").URPN.	USPAT	OR	ON	2005/07/21 15:19
S35	32	S34 and digest\$1 and signature\$1 and hash\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/21 15:21
S36	0	S34 and digest\$1 and signature\$1 and hash\$3 and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/21 15:21
S37	0	S34 and digest\$1 and signature\$1 and hash\$3 and (challeng\$3 with response\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/21 15:22
S38	7	S34 and digest\$1 and signature\$1 and hash\$3 and challeng\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/07/21 15:22
S39	18	("6061449").URPN.	USPAT	OR	ON	2005/07/21 15:24

## EAST Search History

S40	28	("4799156"   "5495533"   "5557518"   "5621797"   "5642419"   "5671279"   "5677955"   "5703949"   "5715314"   "5724424"   "5757917"   "5790025"   "5790677"   "5805798"   "5812776"   "5822737"   "5825881"   "5826242"   "5826245"   "5930777"   "5974146"   "5991750"   "6014636"   "6016484"   "6023682"   "6029150"   "6049785"   "6058381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/21 15:26
S41	46	("6029150").URPN.	USPAT	OR	ON	2005/07/21 15:30
S42	0	S41 and (digest\$1or message\$) and signature\$1 and hash\$3 and (funds near tranfer\$4)	USPAT	OR	ON	2005/07/21 15:32
S43	0	S41 and (digest\$1or message\$) and signature\$1 and hash\$3 and (funds with tranfer\$4)	USPAT	OR	ON	2005/07/21 15:32
S44	10	S41 and (digest\$1or message\$) and signature\$1 and hash\$3 and funds	USPAT	OR	ON	2005/07/21 15:32
S45	9	(US-20040230797-\$ or US-20050138110-\$).did. or (US-4868877-\$ or US-5677955-\$ or US-6061449-\$ or US-6327578-\$ or US-6609200-\$ or US-6820199-\$ or US-6915430-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/18 16:14
S46	4	S45 and dummy	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/10/18 16:14
S47	2	((electronic near funds) near transfer) with hash\$1) and (signature\$1 or certificate\$1) and server and client and transaction and password and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:46
S48	4	((electronic near funds) near transfer) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:41
S49	4	((electronic\$ near3 funds) near4 transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:42

## EAST Search History

S50	5	((electronic\$ with funds) with transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:43
S51	36	((electronic\$ with transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:44
S52	6	((funds with transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:28
S53	2	((fund\$1 near transfer\$) with hash\$1) and (signature\$1 or certificate\$1) and server and client and transaction and password and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:46
S54	4	((fund\$1 near transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and password and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:49
S55	4	((fund\$1 near transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and (password or PIN or (persona near identif\$6)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:50
S56	4	((fund\$1 near2 transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and (password or PIN or (persona near identif\$6)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 12:50
S57	32	((transaction) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and (password or PIN or (persona near identif\$6)) and ((fund\$1 near2 transfer\$) with transaction) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:16

## EAST Search History

S58	6	(transaction\$1 with hash\$1) and (signature\$1 or certificate\$1) and dummy and (challeng\$ near response)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 13:23
S59	7	(transaction\$1 with hash\$1) and dummy and (challeng\$ near response)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 13:26
S60	9	(transaction\$1 with hash\$1) and dummy and fund\$1 with transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 13:28
S61	3	(transaction\$1 with hash\$1) and dummy and fund\$1 with transfer\$ and client and server and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 13:29
S62	9	(transaction\$1 with hash\$1) and dummy and (fund\$1 with transfer\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 13:33
S63	4	((dummy with authorization) with (message or code or data)) with replac\$3 and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 13:36
S64	5	((dummy with autoriz\$5) with (message or code or data)) with replac\$3 and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:01
S65	4	((dummy) with (message or code or data)) with replac\$3 and transaction and (fund\$1 near3 transfer\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:02
S66	4	((dummy with (message or code or data)) with replac\$3) and transaction and (fund\$1 near3 transfer\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:03
S67	61	((dummy with (message or code or data)) with replac\$3) and transaction and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:09

## EAST Search History

S68	6	((dummy with (message or code or data)) with replac\$3) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:19
S69	6	((dummy or fake or decoy) with (message or code or data)) with replac\$3) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:25
S70	32	((transaction) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and (password or PIN or (persona near identif\$6)) and ((fund\$1 with transfer\$) with transaction) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:17
S71	30	((transaction) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and (password or PIN or (persona near identif\$6)) and (user near3 (name or ID or identif\$)) and ((fund\$1 with transfer\$) with transaction) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:18
S72	11	((bill\$3 or fund\$1 or payment) with transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:31
S73	3	((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and (password or PIN or (persona near identif\$6)) and (user near3 (name or ID or identif\$)) and ((fund\$1 with transfer\$) with transaction) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:33
S74	8	((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$1 or digest)) and (signature\$1 or certificate\$1) and server and client and transaction and (password or PIN or (persona near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:37



## EAST Search History

S75	6	((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$1 or digest)) and (digital near (signature\$1 or certificate\$1)) and server and client and transaction and (password or PIN or (persona near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:42
S76	7	((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$3 or digest)) and (digital near (signature\$1 or certificate\$1)) and server and client and transaction and (password or PIN or (persona near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:43
S77	7	((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$3 or digest)) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and transaction and (password or PIN or (persona near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:44
S78	8	((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$3 or digest)) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and transaction and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:48
S79	8	((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and transaction and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:50

## EAST Search History

S80	8	((((bill\$3 or fund\$1 or payment or transaction) with transfer\$) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:51
S81	8	((((bill\$3 or fund\$3 or payment or transaction or cash or money) with transfer\$) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:53
S82	200	((((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:54
S83	118	((((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and ((bill\$3 or fund\$3 or payment or transaction or cash or money) with transfer\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:59

## EAST Search History

S84	3	((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and ((bill\$3 or fund\$3 or payment or transaction or cash or money) with transfer\$) and ((dummy with (file or data)) with (replac\$ or substitut\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:57
S85	4	((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and ((bill\$3 or fund\$3 or payment or transaction or cash or money) with transfer\$) and (dummy with (file or data)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:58
S86	6	((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and ((bill\$3 or fund\$3 or payment or transaction or cash or money) with transfer\$) and (dummy) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/21 14:58
S87	6	((dummy with (message or code or data)) with (replac\$3 or substitut\$)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:20
S88	47	((dummy with (message or code or data)) and (replac\$3 or substitut\$)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:23

## EAST Search History

S89	6	((dummy with (message or code or data or transaction or (fund\$1 near transfer\$))) with (replac\$3 or substitut\$)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:24
S90	6	((dummy with (message or code or data or transaction or (fund\$1 near6 transfer\$))) with (replac\$3 or substitut\$)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:24
S91	6	((dummy with (messag\$ or code or data or transaction or (fund\$1 near6 transfer\$))) with (replac\$3 or substitut\$)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:25
S92	71	((dummy with (messag\$ or code or data or transaction or (fund\$1 near6 transfer\$))) and (replac\$3 or substitut\$)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:27
S93	7	((dummy with (messag\$ or code or data or transaction or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with dummy)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:31
S94	7	((dummy with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with dummy)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:28
S95	1	("6324526").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 13:32
S96	7	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with dummy)) and payment and fund\$1 and transfer\$ and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:44

## EAST Search History

S97	899	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with dummy)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:45
S98	9	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with dummy)) and transaction and (electronic\$ near5 fund\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:47
S99	9	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with dummy)) and (electronic\$ near5 fund\$1) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:47
S10 0	55	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with dummy)) and transaction and account and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:49
S10 1	165	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and transaction and account and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:49
S10 2	12	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and transaction and account and ((electronic\$ near4 fund\$) with transfer\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 13:55

## EAST Search History

S10 3	13	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and ((electronic\$ near4 fund\$) with transfer\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 14:03
S10 4	14	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and (electronic\$ near4 fund\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 14:05
S10 5	309	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and transaction and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 14:05
S10 6	46	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and transaction and payment and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 14:15
S10 7	309	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and transaction and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 14:25

## EAST Search History

S10 8	9	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and transaction and (((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:31
S10 9	217	((dummy or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or fictitious or bogus or erroneous))) and transaction and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 14:26
S11 0	217	((dummy or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or bogus or erroneous))) and transaction and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 14:28
S11 1	217	((dummy or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 (transfer\$ or transmi\$)))) and ((replac\$3 or substitut\$) with (dummy or bogus or erroneous))) and transaction and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:15
S11 2	3	((dummy or bogus or erroneous) with (digest or hash) and ((replac\$3 or substitut\$) with (dummy or bogus or erroneous))) and transaction and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:15
S11 3	63	((dummy or bogus or erroneous) with (digest or hash)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:19

## EAST Search History

S11 4	32	((dummy) with (digest or hash)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:21
S11 5	38	((dummy) with (digest or hash\$)) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:22
S11 6	3	((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and ((replac\$3 or substitut\$) with (dummy or false or fictitious or bogus or erroneous))) and transaction and (((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and (challeng\$ with respon\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:33
S11 7	54	((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and (challeng\$ with respon\$) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:45



## EAST Search History

S11 8	29	((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and (challeng\$ with respon\$) and ((dummy or false or fictitious or bogus or erroneous) with (messag\$ or code or data or transaction or account or (fund\$1 near6 transfer\$))) and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:40
S11 9	4	((bill\$3 or fund\$3 or payment or transaction or cash or money)) with (hash\$ or digest or (digital near fingerprint))) and (digital near (signature\$1 or certificate\$1)) and server and (client or user or consumer or customer) and (password or PIN or (personal near identif\$6)) and (user near3 (name or ID or identif\$)) and (challeng\$ with respon\$) and dummy and @ad<"20040507"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/05/22 15:42